

## Section 9 - Five-Year Action Plan

The following section parallels that of Section 8 - Goals and Objectives. The Five Year Action Plan is organized by responsible party and includes the proposed year in which each task will be initiated. Figure 9-1 illustrates the Action Plan elements that are geographically specific, and these elements are further described in Table 9-1 on page 9-10.

<u><i>Planning Board Action Items</i></u>	<u><i>Year</i></u>
<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>	
<i>A. Prioritize and establish mechanisms for protecting critical parcels of land.</i>	
1. identify key parcels of land which are highly rated for protection by acquisition or other methods.	1
a. develop a priority ranking system and evaluate all significant vacant lands for value in the following areas: linkage with other conservation lands; water supply protection; wildlife habitat; farmland preservation; scenic vistas; recreation needs.	1, 2, 3
b. develop a computer data base of priority parcels and degree of protection.	1, 2
c. establish effective communication method with Assessors Office/Town Treasurer to identify when priority parcels become available for tax taking.	2
2. establish a committee responsible for contacting landowners of priority parcels and presenting them with alternative methods of leaving their parcel in its natural state in perpetuity or available for public access as appropriate.	1, 2, 3, 4, 5
<i>B. Protect (through acquisition, purchase, gift, conservation restriction, easement or tax title) the town's significant natural areas, and preserve the natural setting of the town's built environment</i>	1, 2, 3, 4, 5
<i>C. Control growth and location of development.</i>	
1. establish an Open Space Development Zoning By-law	2
2. amend subdivision regulations to maximize amount of open space maintained in proposed developments.	2
3. create buffer strips of land adjacent to new facilities to reduce noise and visual impact of vehicles.	1, 2, 3, 4, 5
<i>D. Protect farmlands that are in active production or have high potential given the presence of prime farmland soils</i>	1, 2, 3, 4, 5
<i>E. Conserve natural vistas at critical locations which contribute to neighborhood or town character.</i>	

1. identify scenic parcels of undeveloped land which contribute to the neighborhood charm and investigate ways to protect them	1, 2
<b>GOAL II: Protect and Enhance the Quality of Hanover's Surface and Ground Water</b>	
A. <i>Provide long range protection for sources of existing and future public drinking water supply.</i>	
1. identify vacant lands within the zones of contribution of public drinking water supplies and target for acquisition or other means of protection.	1
2. maintain inter-town communication to protect sources of public water supply which cross town borders.	1, 2, 3, 4, 5
a. evaluate watershed protection by-laws in adjacent towns to ensure compatibility.	1, 2, 3, 4, 5
<b>GOAL IV: Enhance Appropriate Public Access to and Use of Existing Conservation Lands and Establish Continuous Greenways.</b>	
C. <i>Develop public access and regularly maintain on appropriate conservation parcels and regularly maintain.</i>	1,2, 3, 4, 5
4. encourage donations of conservation easements.	1, 2, 3, 4, 5
D. <i>Develop public access on appropriate conservation parcels and regularly maintain.</i>	2, 3, 4, 5
1. identify landowners of affected parcels and investigate methods of protection and public access easement, especially during planning board review of land development plans.	4, 5
E. <i>Inventory conservation lands for wildlife interests and manage accordingly.</i>	
1. Provide public access to ponds, shorelines and forests.	1, 2, 3, 4, 5
<b>GOAL V: Improve and Increase the Recreational Opportunities in Hanover</b>	
C. <i>Develop neighborhood parks for non-organized recreational use.</i>	
1. identify small parcels and secure use for informal field games, basketball, tennis, playgrounds or walking trails.	2, 3, 4, 5
2. encourage set-asides for passive and/or active recreational use in new residential developments.	1, 2, 3, 4, 5
<b><u>Board of Selectmen Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>	
A. <i>Prioritize and establish mechanisms for protecting critical parcels of land.</i>	
1. identify key parcels of land which are highly rated for protection by acquisition or other methods.	1

B. <i>Protect (through acquisition, purchase, gift, conservation restriction, easement or tax title) the town's significant natural areas, and preserve the natural setting of the town's built environment</i>	1, 2, 3, 4, 5
C. <i>Control growth and location of development.</i>	
3. create buffer strips of land adjacent to new facilities to reduce noise and visual impact of vehicles.	1, 2, 3, 4, 5
D. <i>Protect farmlands that are in active production or have high potential given the presence of prime farmland soils.</i>	
2. encourage landowners of farm, forest or recreational lands to enter into C. 61, 61A and 61B registration	1, 2, 3, 4, 5
3. have action plan ready should priority 61/61A/61B lands become available	2
<b>GOAL II: Protect and Enhance the Quality of Hanover's Surface and Ground Water</b>	
A. <i>Provide long range protection for sources of existing and future public drinking water supply.</i>	
2. maintain inter-town communication to protect sources of public water supply which cross town borders.	1, 2, 3, 4, 5
<b>GOAL V: Improve and Increase the Recreational Opportunities in Hanover</b>	
A. <i>Investigate further use of Town property for passive and/or active recreational purposes.</i>	
4. identify Town owned lands that are not suitable for development of any kind (i.e., municipal buildings) due to natural constraints/resources.	1, 2
<b><u>Board of Health Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL II: Protect and Enhance the Quality of Hanover's Surface and Ground Water</b>	
B. <i>Establish community education and outreach program</i>	
1. in conjunction with Water Department, actively educate households residing within zones of contribution to public drinking water supplies about household contaminants, septic systems, and other threats to water quality.	1, 2, 3, 4, 5
C. <i>Identify threats to quality of public water supply and institute measures to prevent contamination.</i>	
1. evaluate and revise as necessary the underground storage tank by-law and guidelines of the Board of Health.	2
2. maintain an inventory of the commercial or home occupations that store or handle hazardous materials, pesticides, herbicides or solvents (above established threshold quantities) and develop appropriate protective measures.	1, 2, 3, 4, 5

3.	evaluate the revised State regulations for septic systems, Title 5, and revise local requirements as appropriate.	1, 2
4.	ensure local land use control powers are used to the fullest extent possible to protect the quality of present and future public water supplies.	1, 2, 3, 4, 5
D.	<i>Develop and implement management plans to improve and maintain surface water quality through management of sewage, sheet runoff, as well as other runoff.</i>	3, 4, 5
<b><u>Conservation Commission Action Items</u></b>		<b><u>Year</u></b>
<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>		
A.	<i>Prioritize and establish mechanisms for protecting critical parcels of land.</i>	
1.	identify key parcels of land which are highly rated for protection by acquisition or other methods.	1
2.	establish a committee responsible for contacting landowners of priority parcels and presenting them with alternative methods of leaving their parcel in its natural state in perpetuity or available for public access as appropriate.	1, 2, 3, 4, 5
B.	<i>Protect (through acquisition, purchase, gift, conservation restriction, easement or tax title) the town's significant natural areas, and preserve the natural setting of the town's built environment</i>	1, 2, 3, 4, 5
D.	<i>Protect farmlands that are in active production or have high potential given the presence of prime farmland soils.</i>	
3.	have action plan ready should priority 61/61A/61B lands become available	2
<b>GOAL III: Increase Environmental Awareness Among All Sectors of the Community.</b>		
C.	<i>Encourage the use of Town-owned lands for environmental education purposes for all age groups by holding nature walks for town residents on conservation properties and sponsoring annual events to clean up the litter and debris in conservation lands, riverways or other environmentally sensitive areas.</i>	2, 3, 4, 5
D.	<i>Establish a Friends of Conservation or similar group responsible for such activities as public awareness, land management, and fund raising.</i>	2
<b>GOAL IV: Enhance Appropriate Public Access to and Use of Existing Conservation Lands and Establish Continuous Greenways.</b>		
A.	<i>Inventory natural resources present and identify the appropriate level and type of public use for each conservation land.</i>	1, 2, 3, 4, 5

2.	develop management plans for all conservation parcels capable of allowing public access without harming environmentally sensitive areas.	1, 2, 3, 4, 5
3.	develop rules and regulations pertaining to usage of public lands.	1
B.	<i>Make public aware of location, accessibility, passive recreational opportunities provided, and natural resources present at conservation parcels.</i>	2, 3, 4, 5
1.	update the Conservation Commission's Map of Conservation Lands. Add information regarding handicap accessibility, parking and amenities available.	1
2.	place signs visible on well traveled ways to identify locations of publicly accessible conservation lands.	1, 2, 3
C.	<i>Develop public access and regularly maintain on appropriate conservation parcels.</i>	2, 3, 4, 5
1.	establish a group of volunteers (such as Friends of Conservation, Scout Troops or community service groups) responsible for creating trails and maintaining them, especially in the Luddam's Ford, Colby property, Factory Pond and Forge Pond vicinity.	1, 2, 3, 4, 5
2.	clear, mark and maintain trails and off-site parking on appropriate conservation parcels at a rate of one parcel a year, especially in the Luddam's Ford, Colby property, Factory Pond and Forge Pond vicinity	1, 2, 3, 4, 5
4.	encourage donations of conservation easements	1, 2, 3, 4, 5
D.	<i>Identify potential greenbelts, e.g., along the Indian Head or Drinkwater Rivers, connecting existing private/undeveloped and conservation parcels to create continuous walking/biking trails network. Work towards linking Hanover's trail and open space system to adjoining town's trail networks, such as the Bay Circuit Trail.</i>	4, 5
1.	identify landowners of affected parcels and investigate methods of protection and public access easement, especially during planning board review of land development plans.	4,5
4.	contact Edison Electric regarding opportunity to utilize their right-of-way for recreational/trail/corridor purposes.	3, 4
5.	preserve existing walking trails & wildlife migration corridors while protecting the safety of residents and animals.	2, 3, 4, 5
E.	<i>Inventory conservation lands for wildlife interests and manage accordingly.</i>	1, 2, 3, 4, 5
1.	Provide public access to ponds, shorelines and forests.	3, 4, 5
<b><u>Open Space and Recreation Plan Committee Action Items</u></b>		<b><u>Year</u></b>
<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>		
A.	<i>Prioritize and establish mechanisms for protecting critical parcels of land.</i>	
4.	establish a land trust in Hanover.	2

D. <i>Protect farmlands that are in active production or have high potential given the presence of prime farmland soils.</i>	
1. identify candidates for Agricultural Preservation Restriction Program	2, 3, 4, 5
2. encourage landowners of farm, forest or recreational lands to enter into C. 61, 61A and 61B registration	1, 2, 3, 4, 5
3. have action plan ready should priority 61/61A/61B lands become available	2
<b>GOAL III: Increase Environmental Awareness Among All Sectors of the Community.</b>	
A. <i>Educate the public about local open space and recreation areas.</i>	1, 2, 3, 4, 5
C. <i>Encourage the use of Town-owned lands for environmental education purposes for all age groups by holding nature walks for town residents on conservation properties and sponsoring annual events to clean up the litter and debris in conservation lands, riverways or other environmentally sensitive areas.</i>	2, 3, 4, 5
<b>GOAL IV: Enhance Appropriate Public Access to and Use of Existing Conservation Lands and Establish Continuous Greenways.</b>	
A. <i>Inventory natural resources present and identify the appropriate level and type of public use for each conservation land (with Conservation Commission).</i>	1, 2, 3, 4, 5
2. develop management plans for all conservation parcels capable of allowing public access without harming environmentally sensitive areas.	1, 2, 3, 4, 5
B. <i>Make public aware of location, accessibility, passive recreational opportunities provided, and natural resources present at conservation parcels (with Conservation Commission).</i>	2, 3, 4, 5
1. update the Conservation Commission's Map of Conservation Lands. Add information regarding handicap accessibility, parking and amenities available.	1
C. <i>Develop and regularly maintain public access on appropriate conservation parcels</i>	2, 3, 4, 5
1. establish a group of volunteers (such as Friends of Conservation, Scout Troops or community service groups) responsible for creating trails and maintaining them, especially in the Luddam's Ford, Colby property, Factory Pond and Forge Pond vicinity.	1, 2, 3, 4, 5
2. clear, mark and maintain trails and off-site parking on appropriate conservation parcels at a rate of one parcel a year, especially in the Luddam's Ford, Colby property, Factory Pond and Forge Pond vicinity	1, 2, 3, 4, 5
D. <i>Identify potential greenbelts, e.g., along the Indian Head or Drinkwater Rivers, connecting existing private/undeveloped and conservation parcels to create continuous walking/biking trails network. Work towards linking Hanover's trail and open space system to adjoining town's trail networks, such as the Bay Circuit Trail..</i>	
1. identify landowners of affected parcels and investigate methods of protection and public access easement, especially during planning board	1, 2, 3, 4, 5

review of land development plans.	
2. educate, organize and garner support of town residents and officials for implementation of a greenway program	1, 2, 3, 4, 5
4. identify major open space in abutting towns and develop a working relationship with representatives in adjoining towns.	2, 3, 4, 5
5. contact Edison Electric regarding opportunity to utilize their right-of-way for recreational/trail/corridor purposes	1, 2
6. focus/target trails/potential trails for development to present to town	2, 3, 4, 5
<b>GOAL V: Improve and Increase the Recreational Opportunities in Hanover</b>	
<i>C. Develop neighborhood parks for non-organized recreational use.</i>	
1. identify small parcels and secure use for informal field games, basketball, tennis, playgrounds tot lots or walking trails.	1, 2, 3
3. make specific recommendations for securing parcels and site improvements	4,5
<b><u>Parks and Recreation Commission Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL V: Improve and Increase the Recreational Opportunities in Hanover</b>	
<i>A. Investigate further use of Town property for passive and/or active recreational purposes.</i>	
1. continue efforts to improve the condition of the current playing fields.	1, 2, 3, 4, 5
2. continue efforts to assist in providing an improved field maintenance arrangement.	1, 2, 3, 4, 5
3. continue implementing Parks and Recreation Commission's Capital Improvement Program.	1, 2, 3, 4, 5
5. improve management of existing recreation and conservation areas.	
6. develop guidelines to prevent conflicting recreational users in resource areas.	
<i>B. Evaluate existing municipal or government controlled open space areas which are under-utilized for potential use/reuse for passive and/or active recreational purposes.</i>	3
<i>C. Develop neighborhood parks for non-organized recreational use.</i>	
3. make specific recommendations for securing parcels and site improvements	4,5
<b><u>School Department Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>	
<i>F. Preserve historically significant buildings and sites.</i>	
3. establish a formal History of Hanover program within the public school	2, 3, 4

system to promote awareness of local history.	
<b>GOAL III: Increase Environmental Awareness Among All Sectors of the Community.</b>	
B. <i>Introduce the Town's natural resources to children through the school programs.</i>	1, 2, 3, 4, 5
<b><u>Department of Public Works Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL V: Improve and Increase the Recreational Opportunities in Hanover</b>	
A. <i>Investigate further usage of Town held property for passive and/or active recreational purposes.</i>	
1. continue efforts to improve the condition of the current playing fields.	1, 2, 3, 4, 5
2. continue efforts to assist in providing for an improved field maintenance arrangement.	1, 2, 3, 4, 5
B. <i>Evaluate existing municipal or government controlled open space areas which are under-utilized for potential use/reuse for passive and/or active recreational purposes.</i>	2
<b><u>Town Meeting Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>	
A. <i>Prioritize and establish mechanisms for protecting critical parcels of land.</i>	
3. establish a Conservation Fund to have adequate monies available to protect critical parcels when they become available.	1, 2, 3, 4, 5
4. establish a land trust in Hanover.	1, 2, 3, 4, 5

<b><u>Historic Commission Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>	
F. <i>Preserve historically significant buildings and sites.</i>	1, 2, 3, 4, 5
1. continue to identify sites of historical and archeological significance and maintain an inventory of these sites.	1, 2, 3, 4, 5
2. encourage the use of Historic Easements.	2, 3, 4, 5
3. establish a formal History of Hanover program within the public school system to promote awareness of local history.	2, 3, 4
<b><u>Board of Assessors Action Items</u></b>	<b><u>Year</u></b>



<b>GOAL I: Identify, Preserve and Protect those Historic, Cultural, and Natural Resources that Contribute to the Character of the Town.</b>	
A. <i>Prioritize and establish mechanisms for protecting critical parcels of land.</i>	
1. identify key parcels of land which are highly rated for protection by acquisition or other methods.	1
c. establish/maintain effective communication between Assessors Office/Town Treasurer to identify when priority parcels become available for tax taking.	2
<b><u>Water Department Action Items</u></b>	<b><u>Year</u></b>
<b>GOAL II: Protect and Enhance the Quality of Hanover's Surface and Ground Water</b>	
A. <i>Provide long range protection for sources of existing and future public drinking water supply.</i>	
2. maintain inter-town communication to protect sources of public water supply which cross town borders.	1, 2, 3, 4, 5
3. coordinate recreation and conservation land acquisition (with other town boards) to fullest extent possible so as to provide additional water resource protection	1, 2, 3, 4, 5
B. <i>Establish community education and outreach program</i>	
1. in conjunction with the Board of Health Department, actively educate households residing within zones of contribution to public drinking water supplies about household contaminants, septic systems, and other threats to water quality.	1, 2, 3, 4, 5

<b>Figure 9-1: Parcels Targeted for Future Protection, Access and/or Acquisition</b>					
<i>Key</i>	<i>Map/Lot</i>	<i>Name</i>	<i>Owner</i>	<i>Acres</i>	<i>Comments</i>
1.	31/9	Third Herring Brook access	A.J. Rawson	18.35	Provides access to the River and would links Town properties
2.	44/59 44/12 44/133 44/11	Link between Pine Island Swamp properties:	McDonough & Cooper Richards Foley Meade	1.0 5.0 2.7 2.0	Possible easement to conservation lands Access to Longwater only Access to Longwater only Connect conservation land and Foley and Richard's land
3.	67/2	Clark Land	Conservation Commission	38.42	Includes working Cranberry Bog – consider using for educational purposes
4.	67/27			18.0	
5.	59/19 59/21 59/22	Access to Forge Pond, Drinkwater River and Longwater Brook	Lemey	6.5 1.9 2.75	Access from Russell Road. Potential for trails
6.	68/76-81 68/54-55, 68, 45	Forge Pond Area	-- --	119.1 13.7	Lot 68 has access to King Street and joins 45 which also has access to King Street and is on the River. Could improve access. Consider trails and other uses
7.	72/30, 22	Indian Head River	Conservation Commission		Unsure as to ownership of 72/19, 21, 32. Town may want to acquire these properties if not currently owned. See NSRWA title search.
8.	78/7 78/46	“Connecting” Tindale Bog and Indian Head Canoe Launch/	-- Smith	-- --	On Broadway (Tinsdale). Access and connection to conservation land On Cross Street. Obtain easement from Cross Street to conservation land
9.	78/33 79/10 79/5 79/25	Luddams Ford via trails	-- Lewald Holsinger --	-- 18.0 -- --	Railroad bed On River and Railroad bed On River and Railroad bed Along Railroad
10.	39/20	Other areas of interest:	GJ Kelleher	93.6	Tinsdale Abuts other Town land (well district 2 Shown as open space, however not protected in perpetuity.
11.	38/6		GJ Kelleher	11.34	
12.	47/17		--	7.9	
13.	47/50		SSNSC	14.09	
14.	40/6&7, 41/1, 49/1,7 & 10, 56/37, 57/37-39, 58/27		Cardinal Cushing	253± total	
		Drinkwater River	Conservation Commission		Improve access. Consider trails and other uses.

Additionally, the following existing open space lands have been identified as requiring trail markers, maps, and promotion/education materials:

1. Colby/Phillips property - Melody Woods
2. Plain Street site
3. Summer Street site
4. Willow Road
5. Morrill Allen Phillips Wildlife Sanctuary
6. Hell Swamp.
7. Luddams Ford/Indian Head area.